

## ANALYTICAL DATA REPORT

for

Hesa Environmental Corp.  
23 Jefferson Plaza  
Princeton, NJ 08540

Project Name: SIGNMASTERS  
Lab Case Number: E08-09196

MDL = METHOD DETECTION LIMIT

## Metals

Lab ID: 09196-001  
Client ID: WS-110  
Matrix-Units: Aqueous-ug/L  
Percent Moisture: 100

Date Sampled: 8/11/2008  
Time Sampled: 14:00  
Date Analyzed: 8/13/08

Parameter	Result	Q	MDL
Copper	ND		8.00
Lead	ND		2.00
Nickel	7.08		4.00
Zinc	1590		8.00

## General Analytical


Lab ID: 09196-001  
Client ID: WS-110  
Percent Moisture: 100

Date Sampled: 8/11/2008  
Time Sampled: 14:00

Parameter	Result	MDL	Matrix-Units	Date Analyzed
Biochemical Oxygen Demand	1190000	2000	Aqueous-ug/L	8/13/2008 8:00
Total Suspended Solids	590000	125000	Aqueous-ug/L	8/12/2008 15:00
TPH- SGT HEM	ND	5000	Aqueous-ug/L	8/19/2008 17:00

ND = Analyzed for but Not Detected at the MDL

These data have been reviewed and accepted by:

  
Michael H. Leftin, Ph.D.  
Laboratory Director

273 Franklin Road  
Randolph, NJ 07869  
Phone: 973 361 4252  
Fax: 973 989 5288



IAL is a NELAC New Jersey Certified Lab (74751) and maintains certification in Connecticut (PH-0899), New York (11402), Rhode Island (00128), Pennsylvania (68-00773) and in the Department of Navy IR QA Program.

## INTEGRATED ANALYTICAL LABORATORIES, LLC

## SAMPLE RECEIPT VERIFICATION

CASE NO: E 08

09196

CLIENT:

HESA

COOLER TEMPERATURE: 2° - 6°C: ☒

( See Chain of Custody)

COC: COMPLETE / INCOMPLETE  
KEY☒ = YES/NA  
☒ = NO

Comments

- ☒ Bottles Intact
- ☒ no-Missing Bottles
- ☒ no-Extra Bottles

- ☒ Sufficient Sample Volume
- ☒ no-headspace/bubbles in VOs
- ☒ Labels intact/correct
- ☒ pH Check (exclude VOs)<sup>1</sup>
- ☒ Correct bottles/preservative
- ☒ Sufficient Holding/Prep Time<sup>1</sup>

☐ Sample to be Subcontracted

<sup>1</sup> All samples with "Analyze Immediately" holding times will be analyzed by this laboratory past the holding time. This includes but is not limited to the following tests: pH, Temperature, Free Residual Chlorine, Total Residual Chlorine, Dissolved Oxygen, Sulfite.

ADDITIONAL COMMENTS:

SAMPLE(S) VERIFIED BY:

INITIAL

ed

DATE

8/11/08

CORRECTIVE ACTION REQUIRED:

YES

(SEE BELOW)

NO

CLIENT NOTIFIED:

YES

Date/ Time:

NO

PROJECT CONTACT:

SUBCONTRACTED LAB:

DATE SHIPPED:

ADDITIONAL COMMENTS:

VERIFIED/TAKEN BY:

INITIAL

KN

DATE

08/12/08

REV 02/05

TABLE 1

## REVISED WATER METER READINGS AND SANITARY/INDUSTRIAL USAGE

SIGNMASTERS, INC.,  
217 BROOK AVENUE, PASSAIC PARK, NJ  
Through August 31, 2008

All readings in gallons

MONTH BEGINNING	READING	MONTH ENDING	READING	INDUSTRIAL USAGE (MINUS 5%)	SANITARY USAGE
<b>August 1, 2008</b>		<b>August 1, 2008</b>			
Industrial (M-3)	386,840	Industrial (M-3)	387,530	1,869 (1,776)	
Sanitary (M-2)	1,073,900	Sanitary (M-2)	1,082,500		6,732
Sanitary (M-1)	133,270	Sanitary (M-1)	134,587		1,317
<b>Total Monthly</b>				<b>1,776</b>	<b>8,049</b>
<b>July 1, 2008</b>		<b>July 31, 2008</b>			
Industrial (M-3)	385,520	Industrial (M-3)	386,840	1,320(1,283)	
Sanitary (M-2)	1,064,500	Sanitary (M-2)	1,073,900		8,080
Sanitary (M-1)	132,377	Sanitary (M-1)	133,270		893
<b>Total Monthly</b>				<b>1,188</b>	<b>8,973</b>
<b>June 1, 2008</b>		<b>June 30, 2008</b>			
Industrial (M-3)	384,170	Industrial (M-3)	385,520	1,350 (1,283)	
Sanitary (M-2)	1,055,700	Sanitary (M-2)	1,064,500		7,450
Sanitary (M-1)	131,548	Sanitary (M-1)	132,377		829
<b>Total Monthly</b>				<b>1,283</b>	<b>8,279</b>

**Legend:**

M-1 = Sanitary (i.e., men's room).

M-2 = Sanitary (i.e., ladies room, men's sink, stripping room, pipes to press machines; M-2 is based on the meter reading of M-2 minus the meter reading of M-3. (i.e., M-3 industrial meter reading minus sanitary)

M-3 = Industrial.



## PROJECT INFORMATION

Case No. **E08-09196**Project **SIGNMASTERS**Customer **Hesa Environmental Corp.**

P.O. #

Contact **Jay Johnnidis**Received **8/11/2008 15:45**EMail **jj@hesaenviro.com**☐ EMail EDDsVerbal Due **8/25/2008**Phone **cell 609-577-2793**Fax **1(732) 329-6454**Report Due **9/2/2008**Report ToBill To

23 Jefferson Plaza

23 Jefferson Plaza

Princeton, NJ 08540

Princeton, NJ 08540

Attn: Jay Johnnidis

Attn: Jay Johnnidis

Report Format **Result Only**

Additional Info

☐ State Form☐ Field Sampling☐ Conditional VOALab ID

09196-001

Client Sample ID

WS-110

Depth Top / Bottom

n/a

Sampling Time

8/11/2008@14:00

Matrix

Aqueous

Unit

ug/L

# of Containers

5

Sample #TestsStatusQA Method

001 Copper - Cu

In Process 200.8

" Lead - Pb

In Process 200.8

" Metals Project Revision

Run

" Nickel - Ni

In Process 200.8

" Zinc - Zn

In Process 200.8

" BOD

Run 5210B

" TPH-SGT HEM

Run 1664A

" TSS (Suspended)

Complete 2540D

" Wet Chem Project Revision

Run

08/15/2008 09:29 by kim - REV 1

SAMPLE ID CHANGED FROM WS-109 TO WS-110, PER JAY JOHNNIDIS.

# Laboratory Custody Chronicle

IAL Case No.

E08-09196

Client Hesa Environmental Corp.Project SIGNMASTERSReceived On 8/11/2008@15:45

## Department: Metals

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
Copper - Cu	09196-001	Aqueous	8/12/08	Lisa	8/13/08	Helge
Lead - Pb	-001	Aqueous	8/12/08	Lisa	8/13/08	Helge
Nickel - Ni	-001	Aqueous	8/12/08	Lisa	8/13/08	Helge
Zinc - Zn	-001	Aqueous	8/12/08	Lisa	8/13/08	Helge

## Department: Wet Chemistry

			<u>Prep. Date</u>	<u>Analyst</u>	<u>Analysis Date</u>	<u>Analyst</u>
BOD	-001	Aqueous	n/a	n/a	8/13/08@08:00	Kris
TPH-SGT HEM	-001	Aqueous	n/a	n/a	8/19/08	Robert
TSS (Suspended)	-001	Aqueous	n/a	n/a	8/12/08	Kam

Review and Approval:

# INTEGRATED ANALYTICAL LABORATORIES CHAIN OF CUSTODY

273 Franklin Rd  
Randolph, NJ 07869

CUSTOMER				REPORTING INFO			
Company: <b>HESA</b>				REPORT TO:			
Address:				Address:			
Telephone #:				Attn:			
Fax #:				FAX #			
Project Manager:				INVOICE TO:			
Sampler:				Address:			
Project Name: <b>Signature</b>							
Project Location (State):							
Bottle Order #:				Attn:			
Quote #:				PO #			

SAMPLE INFORMATION				Sample Matrix			
Client ID	Depth (ft. only)	Date	Time	DW - Drinking Water   AQ - Aqueous   WW - Waste Water OL - Oil   LIQ - Liquid (Specify)   OT - Other (Specify) S - Soil   SL - Sludge   SOL - Solid   W - Wipe			
				Matrix	# containers	TAL #	
<b>WS-100</b>		<b>8/1/08</b>	<b>1400</b>	<b>AQ</b>	<b>5</b>	<b>01</b>	

ANALYTICAL PARAMETERS		Rush TAT Charge **		Report Format		DISKETTE	
Verbal/Fax   24 hr*   48 hr* Hard Copy   72 hr*   1 wk* Other *call for price		24 hr - 100% ... 48 hr - 75% ... 72 hr - 50% ... 96 hr - 35% ... 5 day - 25% ... 6-9 day 10%		Results Only Reduced Regulatory - 15% Surcharge applies Other (describe)		SRP .dbf format SRP .wk1 format lab approved custom EDD	
NO DISK/CD REQ'D		Cooler Temp <b>4</b> °C		# BOTTLES & PRESERVATIVES		HCl   NaOH   HNO3   H2SO4   MeOH   Other   None   Encore	

Conc. Expected:		Low	Med	High
TRHC				
BOD				
TS				
NI, CI, Pb				

Turnaround Time (starts the following day if samples rec'd at lab > 5PM)  
 \* Lab notification is required for RUSH TAT prior to sample arrival. RUSH TAT IS NOT GUARANTEED WITHOUT LAB APPROVAL. \*\* RUSH SURCHARGES WILL APPLY IF ABLE TO ACCOMMODATE.

PHC- MUST CHOOSE  
 DRO (3-5 day TAT)  
 SEE BELOW (under comments section for explanation)  
 Verbal/Fax   2 wk/Std   72 hr\*   1 wk\*  
 24 hr\*   48 hr\*  
 Hard Copy   3 wk/Std  
 Other \*call for price

MDL Req: Old GWQS - 11/05 GWQS - SCC - OTHER (SEE COMMENTS)

Comments:

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DRO (8015B) - used for: Fuel Oil #2/Home Heating Oil #1 #2  
 QAM-025 (OQA-QAM025) - used for: all other fuel oils and unknown contamination

LAB COPIES - WHITE & YELLOW; CLIENT COPY - PINK